

## **EDUCATION**

1992 **Bachelor of Science in Civil Engineering and Human Factors Engineering**  
United States Military Academy at West Point, New York

## **EXPERIENCE**

May 2007  
to Present **Engineering Design and Testing Corp.**  
**Cleveland, Ohio**

*District Engineering Manager and Consulting Engineer*

Consulting in the areas of civil and structural engineering for residential, commercial, and industrial structures and sites. Services include root cause of collapsed structures, water intrusion and concrete deformation; scope of storm damage; estimate of repair; and fire origin and cause investigation.

May 2006  
to April 2007 **Consulting Engineer**  
**Los Angeles, California**

Specialized in plan review, AutoCAD drafting and plan submission in the design of residential and commercial developments, including homes, malls, access roads and parking lots. Reviewed and assisted in the approval of civil work projects involving aqueducts and flood control.

January 2003  
to April 2006 **Highland Management Group, LLC**  
**Columbus, Ohio**

*Project Manager*

Provided civil engineering expertise in residential and commercial construction projects. Engaged in geotechnical testing, transportation and municipal code compliance, storm and wastewater systems installation and testing, and structural design and erection. Experience in building material selection, system requirement planning, and the municipal inspection process relating to the construction of residential housing, multi-story condominiums, single-story shopping centers, and warehouses.

June 1992  
to November 2002 **U.S. Army Officer, United States Army Corps of Engineer**  
**Various Locations**

*Assignments Include:*

*Battalion Supply Officer*

November 2001  
to November 2002 Responsible for integrating the computerized system of tracking and reporting known as Force XXI.

February 2001  
to October 2001 *Force Engineer Advisor*

Advisor to the NATO Command in Albania in support of military operations in the province of Kosovo. Provided the engineering expertise in the identification and evaluation of substandard bridges and roads along re-supply routes. Developed the repair plan for bridges and roads and designed the replacements.

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November 1999 to January 2001	<i>Commander, Headquarters Detachment</i> Commanded the headquarters detachment of the First Cavalry Division's Engineer Brigade.
October 1998 to October 2001	<i>Assistant Brigade Engineer</i> Provided engineering expertise in bridging, road upgrades and base camp improvement.
August 1997 to September 1998	<i>Commander, 515th Pipeline Company</i> Commander of the only active duty pipeline company in the United State Army. Charged with construction of low-pressure petroleum supply pipelines in support of military operations.
June 1996 to July 1997	<i>Assistant Operations Officer, Korea</i> Responsible for the tracking, maintenance and repair of supply routes in the Republic of South Korea.
January 1996 to May 1996	<i>Engineer Officer Advanced Course</i>
February 1993 to December 1995	<i>Combat Engineer Officer, Fort Knox</i> Supervised the training of combat engineers.
September 1992 to January 1993	<i>Engineer Officer Basic Course</i>

### **PROFESSIONAL ORGANIZATIONS**

American Concrete Institute  
 American Institute of Steel Construction  
 American Society of Civil Engineers

### **REGISTRATIONS and CERTIFICATIONS**

Registered Professional Engineer in Ohio (#PE70469)

### **CONTINUING EDUCATION**

2015	<i>Land Description Workshop: Writing, Reading &amp; Drawing</i> , HalfMoon LLC., Middleburg Heights, Ohio <i>Ohio Erosion and Sediment Control</i> , HalfMoon LLC., Middleburg Heights, Ohio <i>Ohio Water Laws &amp; Regulations</i> , HalfMoon LLC., Middleburg Heights, Ohio <i>Residential Code of Ohio</i> , HalfMoon LLC., Middleburg Heights, Ohio
2009	<i>Stormwater Management</i> , HalfMoon LLC., Middleburg Heights, Ohio
2008	<i>Structural Design With Wood</i> , Virginia Tech., Blacksburg, Virginia
2007	<i>Confined Spaces Training</i> , National Safety Counsel, Atlanta, Georgia <i>National Training Program on Fire, Arson &amp; Explosion Investigation</i> , National Association of Fire Investigators, Sarasota, Florida <i>Structural Condition Assessment of Existing Structures</i> , American Society of Civil Engineers, Cincinnati, Ohio
1997	<i>Petroleum Officers Course</i> , U.S. Army Advanced Petroleum and Water Division, Fort Lee, Virginia